

In the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

5 Listing of Claims:

Claim 1. (Cancel)

Claim 2. (Cancel)

10 Claim 3. (Cancel)

Claim 4. (Cancel)

Claim 5. (Cancel)

15

Claim 6. (Cancel)

Claim 7. (Cancel)

20 Claim 8. (Cancel)

Claim 9. (Cancel)

Claim 10. (Cancel)

Claim 11. (Cancel)

Claim 12. (Cancel)

5 Claim 13. (Cancel)

Claim 14. (Cancel)

Claim 15. (Cancel)

10

Claim 16. (Cancel)

Claim 17. (Cancel)

15 Claim 18. (Cancel)

Claim 19. (Cancel)

Claim 20. (New) A method of molding a plurality of interconnected vials comprising:

20

-providing a plurality of core pins and an insert means containing a first slide and a second slide having an extended position and a contracted position;

-contracting said first slide and said second slide from the extended position to the contracted position to form a plurality of cavity profiles linked together by a plurality of arms;

-positioning a plurality of core pins into said plurality of cavity profiles so that said plurality of core pins are free standing within said plurality of cavity profiles;

-injecting a plastic fluid about said plurality of core pins to form a plurality of interconnected vials;

5

-removing said plurality of interconnected vials;

-placing a compound into said plurality of interconnected vials; and,

-heat sealing an open end of said plurality of interconnected vials such that each of said plurality of interconnected vials forms a closed container that encapsulates said compound.

10

Claim 21. (New) The method of claim 1 wherein the step of heat sealing includes:

-clamping the plurality of interconnected vials into a heat sealing device;

-applying heat to the heat sealing device;

-measuring the temperature of the applied heat;

15

-measuring the time heat is applied to said heat sealing device.

Claim 22. (New) A method of manufacturing a plurality of encapsulated interconnected vials with a mold having a first member having attached thereto a plurality of core pins and wherein the method comprises:

20

-forming a plurality of cavity profiles linked together by a plurality of arms by contracting an insert means;

-inserting the plurality of core pins on said first member into said plurality of cavity profiles so that said plurality of core pins are free standing;

-injecting a plastic fluid about said plurality of core pins to form a plurality of

interconnected vials;

- removing the plurality of interconnected vials from the mold;

- positioning the plurality of interconnected vials into a holder tray;

- placing a liquid into the plurality of interconnected vials;

5 -heat sealing an open end of the plurality of interconnected vials so that each of the plurality of interconnected vials forms a closed container that encapsulates the liquid, and wherein the step of heat sealing includes:

- clamping the plurality of interconnected vials into a heat sealing device;

- applying heat to the heat sealing device;

10 -measuring the temperature of the applied heat;

- measuring the time heat is applied to said heat sealing device.

Claim 23. (New) The method of claim 22, further comprising:

- terminating the heat applied to a first arm of said heating sealing device after a

15 predetermined time;

- unclasping the first arm from a second arm of said heating sealing device;

- removing the plurality of interconnected vials from said holder.

Claim 24. (New) The method of claim 23 wherein the step of placing the liquid into the plurality
20 of interconnected vials includes measuring a predetermined amount of compound and injecting the predetermined amount of the compound into the plurality of interconnected vials.

Claim 25. (New) The method of claim 24, wherein the step of heat sealing further includes:

- setting a predetermined maximum temperature;

-exceeding the predetermined maximum temperature;

-terminating the heat applied after exceeding the predetermined maximum temperature.

- 5 Claim 26. (New) A method of molding a plurality of interconnected vials with a mold, said mold comprising a first member having a first end and a second end; a manifold member operatively attached to said second end of said first member for channeling a plastic fluid to an insert means, with said insert means having an extended position and a contracted position; a second member having a first end and a second end, and wherein said first end of said second member has attached
- 10 thereto a plurality of core pins contained therein; the method comprising:
- heating a plastic so that the plastic is fluidized;
 - injecting the plastic fluid into the manifold;
 - contacting said second member with said insert means;
 - injecting the plastic fluid through said first member;
 - 15 -contracting said insert means;
 - forming a plurality of cavity profiles within said contracted insert means and wherein said plurality of cavity profiles are in communication forming a plurality of arm contours;
 - placing said plurality of core pins into said plurality of cavity profiles so that said plurality of core pins are free standing within said plurality of cavity profiles;
 - 20 -injecting the plastic fluid into said plurality of cavity profiles and into said plurality of arm contours interconnected together via a plurality of arms;
 - expanding the insert means;
 - ejecting the plurality of interconnected vials;
 - placing the plurality of interconnected vials into a vial holder tray;

-placing a compound within an open end of said plurality of interconnected vials;
-placing the open end of said plurality of interconnected vials within a heat sealer device;

5 -clamping said plurality of interconnected vials within said heat sealer device;
 -applying heat to said heat sealer device.

Claim 27. (New) The method of claim 26, wherein the step of applying heat further comprises:

 -measuring the amount of heat applied to a first arm of said heat sealer device;
 -measuring the time the heat is applied to said first arm;
10 -terminating the heat after a predetermined amount of time has expired.

Claim 28. (New) The method of claim 27 further comprising:

 -unclasping said first arm from a second arm of said heat sealer device;
 -removing said plurality of interconnected vials from the vial holder tray;
15 -separating said plurality of interconnected vials.

Claim 29. (New) The method of claim 28 wherein the compound is a liquid and the step of placing the liquid into the plurality of interconnected vials include measuring a predetermined amount of liquid and injecting the liquid into the open end of the plurality of interconnected vials.

20

Claim 30. (New) The method of claim 29 wherein said first member further comprises a plurality of cast heaters operatively associated with said insert means, and wherein the step of maintaining the plastic fluid at a constant temperature comprises:

 -heating the plastic fluid with said cast heaters;

-and wherein the step of channeling the plastic fluid through said first member and into said insert means includes flowing the plastic fluid through said cast heater so that the plastic fluid is maintained at a constant temperature.